

CHAPTER 3 QUIZ 1 STUDY GUIDE

Lessons 3-1 through 3-4

Lesson 3-1- Describing a Pattern

Write a rule for each number pattern. Then, write the next three terms.

1) 2, 5, 8, 11, _____, _____, _____

2) 3, 6, 12, 24, _____, _____, _____

Lesson 3-2- Variables and Expressions

Evaluate each expression. Show all of your work.

3) $7c$ for $c=6$	4) $3t - 4$ for $t=8$	5) $3(4h)$ for $h=2$

Complete the table.

6)

x	$135 - x$
15	
30	
45	
60	
	60

Lesson 3-3- Writing Algebraic Expressions

Write an expression for each word phrase.

7) 6 increased by y	8) 3 less than h	9) 4 times w
10) The product of 6 and m	11) 5 more than n	12) The quotient of 8 and e

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Lesson 3-4 Using Number Sense to Solve One-Step Equations

Use mental math to solve for the missing variable.

13) $4q = 84$	14) $n \div 3 = 12$	15) $15 - x = 12$

Lesson	Skill/Concept	Got It!	Almost!	Need to Review!
3-1	Describing a Pattern			
3-2	Variables and Expressions			
3-3	Writing Algebraic Expressions			

Please complete this bottom portion on Monday, December 12th as you prepare for the quiz on Tuesday, December 13th.

Please check off below what you did to study actively for Tuesday's Chapter 3 Quiz. Then, have your parents sign off to confirm that you spent time studying actively. Please make sure you identify the areas in which you need the most practice and focus your studying.

I redid old homework/study guide problems	
I reviewed the notes in my notebook	
I watched online video tutors on phschool.com	
I took online quizzes on phschool.com	
I practiced on Khan Academy	
I found extra problems to complete in my textbook	
I focused on the concepts that I am struggling with the most	
I completed the more challenging problems from each lesson because I feel comfortable with the basics	

Parents: Please sign below to confirm that your child spent an appropriate amount of time practicing for tomorrow's test:

Parent Signature _____

